



**POWER OF ATTORNEY BY ASSIGNEE
CERTIFICATE BY ASSIGNEE UNDER 37 C.F.R. § 3.73(b)**

In the patent application identified below:

**APPARATUS AND METHOD FOR FORMING A ROTATABLE FERROFLUIDIC SEAL
BETWEEN A SHAFT AND A HUB**

(check one) ☐ is attached hereto.

☒ was filed on January 21, 2000 as Application Serial No. 09/489,594.

Seagate Technology LLC, certifies under 37 C.F.R. 3.73(b) that it is the assignee of the entire right, title and interest in the above-identified patent application by assignment. **A COPY OF THE ASSIGNMENT DOCUMENT IS ATTACHED HERETO.** Seagate Technology LLC hereby revokes all powers of attorney previously given in the above-identified patent application and hereby appoints the attorneys and agents of the firm listed as:

Raymond R. Moser, Jr., Reg. No. 34,682; B. Todd Patterson, Reg. No. 37,906; Eamon J. Wall, Reg. No. 39,414; Kin-Wah Tong, Reg. No. 39,400; Keith M. Tackett, Reg. No. 32,008; Douglas H. Elliott, Reg. No. 32,982; James A. Sheridan, Reg. No. 25,435; Sarah J. Brashears, Reg. No. 38,087; Breton G. Graham, Reg. No. 48,149; and John C. Carey, Reg. No. 51,530, provided that if any one of said attorneys ceases being affiliated with the law firm of Moser, Patterson & Sheridan, LLP as partner, employee or of counsel, such attorney's appointment as attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated; and also attorneys/agents Joseph F. Villella, Jr., Reg. No. 30,599; Raghunath S. Minisandram, Reg. No. 38,683; Shawn B. Dempster, Reg. No. 34,321; Paul T. Dietz, Reg. No. 38,858; Kirk A. Cesari, Reg. No. 47,479; Mitchell K. McCarthy, Reg. No. 38,794; Carol I. Bordas, Reg. No. 37,284; Derek J. Berger, Reg. No. 45,401; David K. Lucente, Reg. No. 36,202; Jennifer Buenzow, Reg. No. 50,124; Jesus Del Castillo, Reg. No. 51,604 and Brendan Hanley, Reg. No. 52,429 of Seagate Technology LLC, as its attorney/agents with full power of substitution to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith.

I ratify all prior actions taken by the attorneys and agents identified above in connection with the prosecution of the above-mentioned patent application. In addition, I authorize the attorneys and agents identified above to insert the filing date and serial no. of the application, as needed.

Please address all correspondence and all telephone calls to James A. Sheridan at (650) 330-2310 in care of:

MOSER, PATTERSON & SHERIDAN, LLP
350 Cambridge Avenue, Suite 250
Palo Alto, California 94306-4036
Phone: (650) 330-2310
Facsimile: (650) 330-2314

SEAGATE TECHNOLOGY LLC

By:

Raghunath S. Minisandram

Raghunath S. Minisandram

Title: Senior Director of Intellectual Property

Date: August 25, 2003

Attorney Docket No. STL 2801

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GROUP 3600



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SEP 09 2003

Technology Center 2600

POWER OF ATTORNEY BY ASSIGNEE
CERTIFICATE BY ASSIGNEE UNDER 37 C.F.R. § 3.73(b)

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APPARATUS AND METHOD FOR FORMING A ROTATABLE FERROFLUIDIC SEAL
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I ratify all prior actions taken by the attorneys and agents identified above in connection with the prosecution of the above-mentioned patent application. In addition, I authorize the attorneys and agents identified above to insert the filing date and serial no. of the application, as needed.

Please address all correspondence and all telephone calls to James A. Sheridan at (650) 330-2310 in care of:

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350 Cambridge Avenue, Suite 250
Palo Alto, California 94306-4036
Phone: (650) 330-2310
Facsimile: (650) 330-2314

SEAGATE TECHNOLOGY LLC

By:

Raghunath S. Minisandram

Title: Senior Director of Intellectual PropertyDate: August 25, 2003

Attorney Docket No. STL 2801

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DECLARATION FOR PATENT APPLICATION

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As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **APPARATUS AND METHOD FOR FORMING A ROTATABLE FERROFLUIDIC SEAL BETWEEN A SHAFT AND A HUB**, the specification of which:

(check one) ☐ is attached hereto.
☒ was filed on January 21, 2000 as
 Application Serial No. 09/489,594
 and was amended on _____
 (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application (s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

(Number) (Country) (Day/Month/Year Filed)

☐ Yes ☐ No

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I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below:

<u>60/116,758</u> (Application Serial No.)	<u>01/22/99</u> (Filing Date)	<u>Pending</u> (Status) (patented, pending, abandoned)
<u>60/117,826</u> (Application Serial No.)	<u>01/29/99</u> (Filing Date)	<u>Pending</u> (Status) (patented, pending, abandoned)
<u>60/121,687</u> (Application Serial No.)	<u>02/25/99</u> (Filing Date)	<u>Pending</u> (Status) (patented, pending, abandoned)
<u>60/124,629</u> (Application Serial No.)	<u>03/16/99</u> (Filing Date)	<u>Pending</u> (Status) (patented, pending, abandoned)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Patent Office all information known to me to be

material to patentability as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status)
(patented, pending, abandoned)

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Raymond R. Moser Jr., Reg. No. 34,682; B. Todd Patterson, Reg. No. 37,906; Eamon J. Wall, Reg. No. 39,414; Kin-Wah Tong, Reg. No. 39,400; Keith M. Tackett, Reg. No. 32,008; Douglas H. Elliott, Reg. No. 32,982; James A. Sheridan, Reg. No. 25,435; and Wesley E. Webstad, Reg. No. 35,406, provided that if any one of said attorneys ceases being affiliated with the law firm of MOSER, PATTERSON & SHERIDAN, LLP as partner, employee or of counsel, such attorney's appointment as attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated.

Direct all telephone calls to James A. Sheridan at (650) 320-0000.

Address all correspondence to:

MOSER, PATTERSON & SHERIDAN, LLP
4149 El Camino Way, Suite B
Palo Alto, California 94306-4036

File No. A-67848/TAS (8032801)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first or sole

Inventor:

Donald James Macleod

Inventor's signature:

Donald James Macleod

Date:

12/20/01

Residence:

Scotts Valley, CA 95066

Citizenship:

UK

Post Office Address:

59 Erba Lane

Scotts Valley, CA 95066

Full name of second

Inventor:

Robert Michael Pelstring

Inventor's signature:

Robert Michael Pelstring

Date:

12/20/01

Residence:

Santa Cruz, CA 95060

Citizenship:

US

Post Office Address:

127 De La Costa Avenue

Santa Cruz, CA 95060

Full name of third
Inventor:

Marten Fredrick Bvl

Inventor's signature:

Date:

Residence:

Los Gatos, CA 95030

Citizenship:

US

Post Office Address:

24750 Miller Hill Road

Los Gatos, CA 95030

Full name of fourth
Inventor:

Jeffry Arnold LeBlanc

Inventor's signature:

Date:

Residence:

Aptos, CA 95003

Citizenship:

US

Post Office Address:

6565 Oakridge Road

Aptos, CA 95003

Full name of fifth
Inventor:

Tan Hung Pham

Inventor's signature:

Date:

Residence:

San Marcos, CA 92069

Citizenship:

French

Post Office Address:

781 Pebble Beach Drive

San Marcos, CA 92069

Full name of third
Inventor:

Marten Fredrick Byl

Inventor's signature:

Date:

Residence:

Los Gatos, CA 95030

Citizenship:

US

Post Office Address:

24750 Miller Hill Road

Los Gatos, CA 95030

Full name of fourth
Inventor:

Jeffry Arnold LeBlanc

Inventor's signature:

Date:

Residence:

Aptos, CA 95003

Citizenship:

US

Post Office Address:

6565 Oakridge Road

Aptos, CA 95003

Full name of fifth
Inventor:

Tan Hung Pham

Inventor's signature:

Date:

01/02/2001

Residence:

San Marcos, CA 92069

Citizenship:

French

Post Office Address:

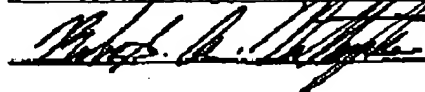
781 Pebble Beach Drive

San Marcos, CA 92069

Full name of sixth
Inventor:

Robert Alan Nottingham

Inventor's signature:



Date:

12-20-01

Residence:

Santa Cruz, CA 95062

Citizenship:

US

Post Office Address:


1816 Hector Lane

Santa Cruz, CA 95062

Full name of seventh
Inventor:

Michael James Whitton

Inventor's signature:



Date:

12-20-01

Residence:

Scotts Valley, CA 95066

Citizenship:

US

Post Office Address:

24-A Meadow Way

Scotts Valley, CA 95066

8032801

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Donald James Macleod, Robert Michael Pelstring, Marten Frederick Byl, Jeffry Arnold Leblanc, Tan Huan Pham, Robert Alan Nottingham, and Michael James Whittome

For: "APPARATUS AND METHOD FOR FORMING A ROTATABLE FERROFLUIDIC SEAL BETWEEN A SHIFT AND A HUB"

The specification of which was filed on January 21, 2000 as U.S. patent No. 09/489,594).

**STATEMENT OF FACTS IN SUPPORT OF FILING
ON BEHALF OF NONSIGNING INVENTOR (37 C.F.R. SECTION 1.47)**

This statement is made as to the exact facts that are relied upon to establish the diligent effort made to secure the execution of the declaration and assignment by the nonsigning inventor for the above-identified patent application before deposit thereof in the Patent and Trademark Office.

Because signing on behalf of the nonsigning inventor is by a person or entity showing a sufficient proprietary interest, this statement also recites facts as to why this action was necessary to preserve the rights of the parties or to prevent irreparable damage.

This statement is being made by the available person having first-hand knowledge of the facts recited therein.

IDENTIFICATION OF PERSON MAKING THIS STATEMENT OF FACTS

Carolyn D. Radmanovich
Seagate Technology LLC
920 Disc Drive
Scotts Valley, California 95066

Sr. Legal Secretary
Intellectual Property

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EFFORTS DURING CONVENTION YEAR TO PREPARE APPLICATION AND OBTAIN INVENTOR'S SIGNATURE

I ascertained the inventor, Marten Byl's e-mail addresss through the MIT webside. On March 19, 2002 I e-mailed the inventor, Marten Byl, at mbyl@MIT.EDU, asking him to print out and sign the attached Assignment and asking what his correct address was. On March 19, 2002 he returned my e-mail stating, "Sorry about being so difficult to get ahold of. The home address is fine. But simply address it

Marten Byl
38 Lawn St.
Cambridge, MA 02138.

Do not send it in a method that requires a signature since I am on campus most days starting at 9 am until 12-14 hrs later." On March 19, 2002 I sent the Assignment along with a letter via regular U.S. mail to the inventor's home address as he requested, enclosing a self-addressed, stamped envelope. I also stated in my letter that if I did not receive the executed document back by April 3, 2002 that it would constitute a refusal by him to sign the documents. However, I did not receive the Assignment back.

On April 10, 2002 I again wrote to Marten Byl asking him to find the letter I mailed to his home, sign the Assignment and return it. I also stated that if I didn't hear back from him I would resend it Certified, Return Receipt requested which would have to be picked up at the post office.

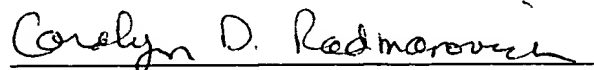
I again sent a letter of explanation and Declaration and Assignment via Certified Mail to his last known address at 38 Lawn Street, Cambridge, MA 02138, Return Requested receipt mailed May 8, 2002, along with a self-addressed, stamped evelope. I also stated in my letter that if I did not receive the executed document back by May 30, 2002 that it would constitute a refusal by him to sign the documents. My envelope was returned by the post office as unclaimed on June 19, 2002.

To date I have not received the executed Assignment from Mr. Byl.

LAST KNOWN ADDRESS OF THE NONSIGNING INVENTOR

Marten Byl
38 Lawn Street
Cambridge, MA 02138

Date: July 26, 2002


Carolyn D. Radmanovich

At-Will Instructions

Attached is the At-Will Employment, Confidential Information and Invention Assignment Agreement.

- Please read it carefully and complete and sign Exhibit A (page 5) as required.
- Please do not sign General Provisions (pages 3 & 4). You will be asked to sign those pages during Orientation with a representative of the Staffing Department as witness.
- Please do not sign Exhibit C (page 7).
- We will return the entire document to you; however, we will be keeping one copy of Exhibit A and one copy of the General Provisions page in your employee file.

CALIFORNIA**SEAGATE US LLC****AT-WILL EMPLOYMENT, CONFIDENTIAL INFORMATION AND
INVENTION ASSIGNMENT AGREEMENT**

As a condition of my employment with SEAGATE US LLC, its subsidiaries, affiliates, successors or assigns (together the "Company"), and in consideration of my employment with the Company and my receipt of the compensation now and hereafter paid to me by Company, I agree to the following:

At-Will Employment: I understand and acknowledge that my employment with the Company is for an unspecified duration and constitutes "at-will" employment. I acknowledge that this employment relationship may be terminated at any time, with or without good cause or for any or no cause, at the option of either the Company or myself, with or without notice.

Confidential Information

Company Information: I agree at all times during the term of my employment and thereafter, to hold in strictest confidence, and not to use, except for the benefit of the Company, or to disclose to any person, firm or corporation without advanced written authorization from the Executive Vice President of Finance, any Confidential Information of the Company. I understand that "Confidential Information" means any Company proprietary information, technical data, trade secrets or know-how, including, but not limited to, research, product plans, products, services, customer lists and customers (including, but not limited to, customers of the Company on whom I called or with whom I became acquainted during the term of my employment), markets, software, developments, inventions, processes, formulas, technology, designs, drawings, engineering, hardware configuration information, marketing, finances or other business information disclosed to me by the Company either directly or indirectly in writing, orally or by drawings or observation of parts or equipment. I further understand that Confidential Information does not include any of the foregoing items that have become publicly known and made generally available through no wrongful act of mine or of others who were under confidentiality obligations as to the item or items involved.

Former Employer Information: I agree that I will not, during my employment with the Company, improperly use or disclose any proprietary information or trade secrets of any former or concurrent employer or other person or entity and that I will not bring onto the premises of the Company any unpublished document or proprietary information belonging to any such employer, person or entity unless consented to in writing by such employer, person or entity.

Third Party Information: I recognize that the Company has received and in the future will receive from third parties their confidential or proprietary information subject to a duty on the Company's part to maintain the confidentiality of such information and to use it only for certain limited purposes. I agree to hold all such confidential or proprietary information in the strictest confidence and not to disclose it to any person, firm or corporation or to use it except as necessary in carrying out my work for the Company consistent with the Company's agreement with such third party.

Patents

Patents and Patent Applications: I have attached hereto, as Exhibit A, a list describing all patents, patent applications and published works of authorship which were made by me prior to my employment with the

Company, which belong to me, which relate to the Company's proposed business, products or research and development, and which are not assigned to the Company hereunder; or, if no such list is attached, I represent that there are no such patents, patent applications or published works of authorship. If in the course of my employment with the Company, I incorporate into a Company (or Company-designee) product, process or machine a prior invention on which I have a patent or have applied for a patent, or in which I have an interest, I hereby grant to the Company, or its designee, a nonexclusive, royalty-free, assignable, irrevocable, perpetual, worldwide license to make, have made, modify, use and sell such prior patent as part of or in connection with such product, process or machine.

Assignment of Inventions: I agree that I will promptly make full written disclosure to the Company, will hold in trust for the sole right and benefit of the Company, and hereby assign to the Company, or its designee (including but not limited to Seagate Technology LLC), all my right, title, and interest in and to any and all inventions, original works of authorship, developments, concepts, improvements or trade secrets, whether or not patentable or registrable under copyright or similar laws, which I may solely or jointly conceive or develop or reduce to practice, or cause to be conceived or developed or reduced to practice, during the period of time I am in the employ of the Company (collectively referred to as "Inventions"). I further acknowledge that all original works of authorship which are made by me (solely or jointly with others) within the scope of and during the period of my employment with the Company and which are protectable by copyright are "works made for hire," as that term is defined in the United States Copyright Act.

Inventions Assigned to Third Parties: I agree to assign to the United States government or other third party all my right, title, and interest in and to any and all Inventions whenever such full title is required to be in the United States or other third party by a contract between the Company and such third party or any of its agencies.

Maintenance of Records: I agree to keep and maintain adequate and current written records of all Inventions made by me (solely or jointly with others) during the term of my employment with the Company. The records will be in the form of notes, sketches, drawings, and any other format that may be specified by the Company. The records will be available to and remain the sole property of the Company at all times.

Patent and Copyright Registrations: I agree to assist the Company, or its designee, at the Company's expense, in every proper way to secure the Company's rights, or those of its designee, in the Inventions and any copyrights, patents, mask work rights or other intellectual property rights relating thereto in any and all countries, including the disclosure to the Company of all pertinent information and data with respect thereto, the execution of all applications, specifications, oaths, assignments and all other instruments which the Company shall deem necessary in order to apply for and obtain such rights and in order to assign and convey to the Company, its successors, assigns, and nominees the sole and exclusive rights, title and interest in and to such Inventions, and any copyrights, patents, mask work rights or other intellectual property rights relating thereto. I further agree that my obligation to execute or cause to be executed, when it is in my power to do so, any such instrument or papers shall continue after the termination of this Agreement. If the Company is unable, because of my mental or physical incapacity, or for any other reason, to secure my signature to apply for or to pursue any application for any United States or foreign patents or copyright registrations covering Inventions or original works of authorship assigned to the Company as above, then I hereby irrevocably designate and appoint the Company and its duly authorized officers and agents as my agent and attorney in fact, to act for and in my behalf and stead to execute and file any such applications and to do all other lawfully permitted acts to further the prosecution and issuance of letters patent or copyright registrations thereon with the same legal force and effect as if executed by me.

Exception to Assignments: I understand that the provisions of this Agreement requiring assignment of inventions to the Company do not apply to any invention which qualifies fully under the provisions of California Labor Code section 2870 (attached hereto as Exhibit B). I will advise the Company promptly in

writing of any inventions that I believe meet the criteria in California Labor Code section 2870 and not otherwise disclosed on Exhibit A.

Returning Company Documents: I agree that, at the time of leaving the employ of the Company, I will deliver to the Company (and will not keep in my possession, recreate or deliver to anyone else) any and all devices, records, data, notes, reports, proposals, lists, correspondence, specifications, drawings, blueprints, sketches, materials, equipment, software, other documents or property, or reproductions of any aforementioned items developed by me pursuant to my employment with the Company or otherwise belonging to the Company, its successors or assigns. In the event of the termination of my employment, I agree to sign and deliver the "Termination Certification" attached hereto as Exhibit C.

Notification of New Employer: In the event that I leave the employ of the Company, I hereby grant consent to notification by the Company to my new employer about my rights and obligations under this Agreement.

Solicitation of Employees: I agree that after the termination of my employment my right to contact current Company employees will be proscribed in accordance with this document and applicable law which prohibits, among other things, the unlawful solicitation of employees and/or interference with employment contracts and relationships. For example, I may not solicit a current Seagate employee for other employment by unfair or deceptive means, which include, but are not limited to, using information about the employee gained while I was employed at Seagate, such as information pertaining to an employee's salary history, job history, particular talents, personal characteristics and other pertinent information.

Representations: I agree to execute any proper oath or verify any proper document required to carry out the terms of this Agreement. I represent that my performance of all the terms of this Agreement will not breach any agreement to keep in confidence proprietary information acquired by me in confidence or in trust prior to my employment by the Company. I have not entered into, and I agree I will not enter into, any oral or written agreement in conflict herewith.

Arbitration and Equitable Relief

Arbitration: Except as stated below, I agree that any dispute or controversy arising out of or relating to any interpretation, construction, performance or breach of this Agreement, shall be settled by arbitration to be held in Santa Cruz County, California, in accordance with the rules then in effect of the American Arbitration Association. The arbitrator may grant injunctions or other relief in such dispute or controversy. The decision of the arbitrator shall be final, conclusive and binding on the parties to the arbitration. Judgment may be entered on the arbitrator's decision in any court having jurisdiction. The Company and I shall each pay one-half of the costs and expenses of such arbitration, and each of us shall separately pay our counsel fees and expenses.

Equitable Remedies: I agree that it would be impossible or inadequate to measure and calculate the Company's damages from any breach of the covenants set forth in this document. Accordingly, I agree that if I breach any of such sections, the Company will have available, in addition to any other right or remedy available, the right to obtain an injunction from a court of competent jurisdiction restraining such breach or threatened breach and to specific performance of any such provision of this Agreement. I further agree that no bond or other security shall be required in obtaining such equitable relief and I hereby consent to the issuance of such injunction and to the ordering of specific performance.

General Provisions

Governing Law; Consent to Personal Jurisdiction: This Agreement will be governed by the laws of the State of California. I hereby expressly consent to the personal jurisdiction of the state and federal courts

located in California for any lawsuit filed there against me by the Company arising from or relating to this Agreement.

Entire Agreement: This Agreement sets forth the entire agreement and understanding between the Company and me relating to the subject matter herein and merges all prior discussions between us. No modification of or amendment to this Agreement, nor any waiver of any rights under this agreement, will be effective unless in writing signed by the party to be charged. Any subsequent change or changes in my duties, salary or compensation will not affect the validity or scope of this Agreement.

Severability: If one or more of the provisions in this Agreement are deemed void by law, then the remaining provisions will continue in full force and effect.

Successors and Assigns: This Agreement will be binding upon my heirs, executors, administrators and other legal representatives and will be for the benefit of the Company, its successors, and its assigns.

Date

Signature

Name of Employee (typed or printed)

Witness

EXHIBIT A**LIST OF PRIOR PATENTS, PATENT APPLICATIONS
AND PUBLISHED WORKS OF AUTHORSHIP**TitleDateIdentifying Number
or Brief Description

_____ No Patents, Patent Applications or Published Works of Authorship

_____ Additional Sheets Attached

I understand that any prior work which is not published or subject to a patent or a patent application constitutes part of my skill and knowledge and that if I voluntarily choose to use such skill and knowledge in performing my work for Seagate that such work product is subject to the Assignment of Inventions provisions of Seagate Policy Number 1090A.

Signature of Employee: _____

Print Name of Employee: _____

Date: _____

EXHIBIT B**CALIFORNIA LABOR CODE SECTION 2870
EMPLOYMENT AGREEMENTS; ASSIGNMENT OF RIGHTS**

Any provision in an employment agreement which provides that an employee shall assign, or offer to assign, any of his or her rights in an invention to his or her employer shall not apply to an invention that the employee developed entirely on his or her own time without using the employer's equipment, supplies, facilities, or trade secret information except for those inventions that either:

(1) Relate at the time of conception or reduction to practice of the invention to the employer's business, or actual or demonstrably anticipated research or development of the employer.

(2) Result from any work performed by the employee for the employer.

To the extent a provision in an employment agreement purports to require an employee to assign an invention otherwise excluded from being required to be assigned under subdivision (a), the provision is against the public policy of this state and is unenforceable.

Severability: If one or more of the provisions in this Agreement are deemed void by law, then the remaining provisions will continue in full force and effect.

Successors and Assigns: This Agreement will be binding upon my heirs, executors, administrators and other legal representatives and will be for the benefit of the Company, its successors, and its assigns.

11/02/69
Date

[Signature]
Signature

Marten Eijl
Name of Employee (typed or printed)

[Signature]
Witness

EXHIBIT ALIST OF PRIOR PATENTS, PATENT APPLICATIONS
AND PUBLISHED WORKS OF AUTHORSHIP

<u>Title</u>	<u>Date</u>	<u>Identifying Number or Brief Description</u>
<i>The design of a Human controlled Leaning Vehicle</i>	<i>10/95</i>	<i>Master's thesis</i>

☐ No Patents, Patent Applications or Published Works of Authorship

☐ Additional Sheets Attached

I understand that any prior work which is not published or subject to a patent or a patent application constitutes part of my skill and knowledge and that if I voluntarily choose to use such skill and knowledge in performing my work for Seagate that such work product is subject to the Assignment of Inventions provisions of Seagate Policy Number 1090A.

Signature of Employee:

Marten Ryl

Print Name of Employee:

Marten Ryl

Date: *1/02/96*



Seagate Technology
Intellectual Property Department
920 Disc Drive, Building 15
Scotts Valley, CA 95067-0360

May 8, 2002

CERTIFIED MAIL, RETURN RECEIPT REQUESTED #7000 1670 0007 5942 9106

Marten F. Byl
38 Lawn Street
Cambridge, MA 02138

Re: U.S. Patent Application Serial No. 09/489,594
"Apparatus And Method For Forming A Rotatable Ferrofluidic Seal
Between A Shaft And A Hub"
Our Docket No.: STL 2801

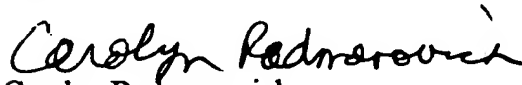
Dear Mr. Byl:

Enclosed please find a copy of the above-identified U.S. patent application as filed on January 21, 2000. Also enclosed for your signature is a Declaration and Assignment. Please review the application and if it meets with your approval, sign the Assignment in the presence of a Notary Public. The enclosed Declaration document must also be executed on the signature page, however notarization is not required. Place your initials and the date next to any changes made to the document.

Return the executed documents to us by May 30, 2002 in the enclosed self-addressed stamped envelope. If we receive no response by that date it will constitute a refusal by you to sign the documents.

Seagate will reimburse you the notary fees. Please send us a copy of your receipt. If you have any questions or comments concerning this matter, please do not hesitate to contact me at 831-439-7075. Your cooperation in this matter is appreciated.

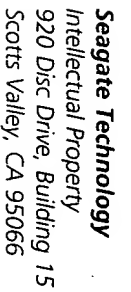
Very truly yours,


Carolyn Radmanovich
Sr. Legal Secretary
Intellectual Property Department

Enclosures



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~~Marten F. Byl
38 Lawn Street
Cambridge, MA 02138~~

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38 Lawn St.
Cambridge MA 02138

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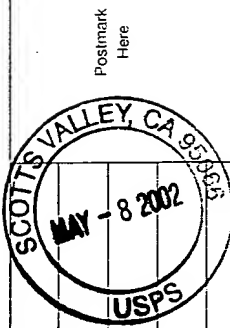
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 City, State, ZIP+4 Cambridge MA 02138

PS Form 3800, May 2000 See Reverse for Instructions

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ASSIGNMENT

Attorney Docket No.: 8032801
Seagate Docket No.: SEA 2801

1320 Hall Ranch Rd. Santa Cruz Ca. 95065
~~59 Erba Lane, Scotts Valley, CA 95066~~
WHEREAS, I, Donald James Macleod, ~~59 Erba Lane, Scotts Valley, CA 95066~~; Robert Michael Pelstring, 127 De La Costa Avenue, Santa Cruz, CA 95060; Marten Fredrick Byl of 24750 Miller Hill Road, Los Gatos, CA 95030; Jeffrey Arnold LeBlanc of 6565 Oakridge Road, Aptos, CA 95003, Tan Hung Pham of 111 Bean Creek Road, Scotts Valley, CA 95066; Robert A. Nottingham, 1816 Hector Lane, Santa Cruz, California 95062, and Michael James Whittome of 24 A Meadow Way, Scotts Valley, CA 95066, USA, am the inventor of an invention entitled **APPARATUS AND METHOD FOR FORMING A ROTATABLE FERROFLUIDIC SEAL BETWEEN A SHAFT AND A HUB** that is the subject matter of:

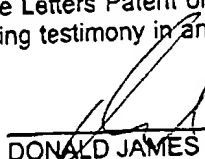
- ☐ a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. _____ filed on _____;
- ☒ an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. 09/489,594 filed on January 21, 2000; and
- ☐ an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving Office by Application No. _____ filed on _____; and

WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under the laws of the State of Delaware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California 95066 USA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and I authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding.

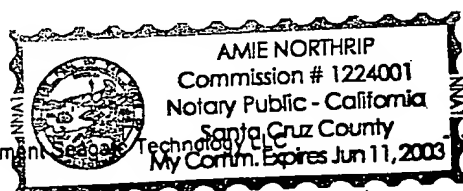

DONALD JAMES MACLEOD (Inventor)

Subscribed and sworn to before me at Amie Northrip, 9:55am, a Notary Public, this
7 day of January, 2002.


Notary Public

(SEAL)

U.S. Assignment



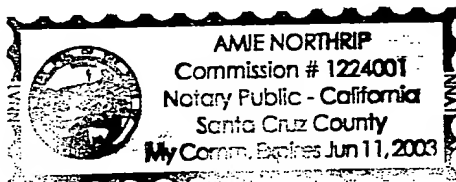
Rev. January 10, 2001

Attorney Docket No. 8032801
Serial No. 09/489,594


ROBERT MICHAEL PELSTRING (Inventor)

Subscribed and sworn to before me at Amie Northrip, 1:49 pm a Notary Public, this
19 day of December, 2001.

(SEAL)



Amie Northrip
Notary Public

MARTEN FREDRICK BYL (Inventor)

Subscribed and sworn to before me at _____, a Notary Public, this
_____ day of _____, 200____.

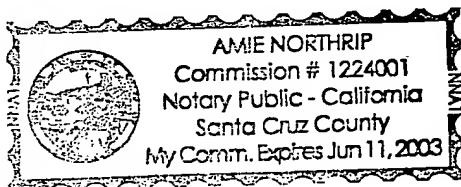
(SEAL)

Notary Public


JEFFERY ARNOLD LEBLANC (Inventor)

Subscribed and sworn to before me at Amie Northrip, 4:05 pm a Notary Public, this
23 day of January, 2002

(SEAL)

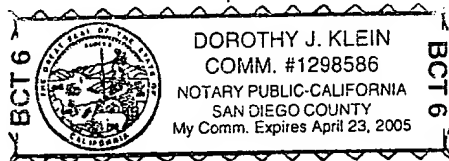


Amie Northrip
Notary Public

State of California)
) SS.
County of San Diego)

Tan Hung 12/27/2001
TAN HUNG PHAM (Inventor)

Subscribed and sworn to before me at San Marcos, California, a Notary Public, this
27th day of December, 2001.



(SEAL)

Dorothy J. Klein
Notary Public

ROBERT ALAN NOTTINGHAM (Inventor)

Subscribed and sworn to before me at _____, a Notary Public, this
_____ day of _____, 200__.

Notary Public

(SEAL)

MICHAEL JAMES WHITTOME (Inventor)

Subscribed and sworn to before me at _____, a Notary Public, this
_____ day of _____, 200__.

Notary Public

(SEAL)


Attorney Docket No. 2801
Serial No. 09/489,594

TAN HUNG PHAM (Inventor)

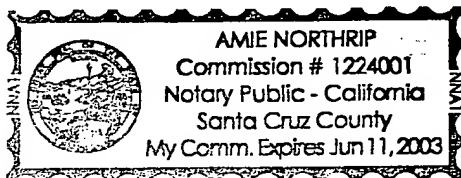
Subscribed and sworn to before me at _____, a Notary Public, this
_____ day of _____, 200__.

Notary Public

(SEAL)


ROBERT ALAN NOTTINGHAM (Inventor)

Subscribed and sworn to before me at Amie Northrip, 4:10 pm, a Notary Public, this
23 day of January, 2002

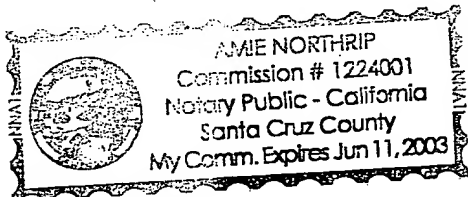


(SEAL)

Amie Northrip
Notary Public


MICHAEL JAMES WHITOME (Inventor)

Subscribed and sworn to before me at Amie Northrip, 4:00 pm, a Notary Public, this
23 day of January 2002



(SEAL)

Amie Northrip
Notary Public